DATA SHEET

MICROWAVE TEST ASSEMBLIES, 0.8mm (male), 0.8mm (male), 50 Ohm, 145 GHz, 6in

PMAST145/11PC08/11PC08/6in

Properties

- Applicable up to 145 GHz
- Unique phase- and loss stability
- Stock delivery on standard lengths
- Absolute time delay matched +/- 1ps

Product configuration	
Type of cable	Sucotest_145
Type description connector A	SF_11_PC0.8 (straight male)
Type description connector B	SF_11_PC0.8 (straight male)
Length	152 mm
Length	6 inch
Length type	REF to REF

Electrical data	
Impedance	50 Ω
Max. operating frequency	145 GHz
Min. return loss	14 dB
Max. insertion loss	4.97 dB
Propagation velocity	76 %
Amplitude stability vs. flexure	+/- 0.25 dB
Phase stability vs. flexure	+/- 25 °
Phase- / Time delay matching	Time delay absolute, +/- 1 ps

Mechanical data	
Weight	7.2 g
Cable diameter	4.25 mm
Static bending radius	25 mm
Dynamic bending radius	43 mm

Environmental data	
Operation temperature	-40 °C ... 85 °C

HUBER+SUHNER

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Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85271037	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead

Comment
The test lead up to 145 GHz - for the highest standard of measurement

Ordering information	
Item number	Item description
85271037	PMAST145/11PC08/11PC08/6in

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